

**VEHICLE IGNITION SYSTEM USING IGNITION
MODULE WITH REDUCED HEAT GENERATION**

Abstract of the Disclosure

An ignition system includes an ignition coil, electronic control module that generates a signal, a distributor having a reluctor assembly, and an ignition module for receiving a signal from the electronic control module (ECM) and reluctor assembly. The ignition module includes a microprocessor for generating a control signal to the ignition coil and switching ON and OFF the primary current therein and reducing the duty cycle as applied to the control signal from the ignition module to the ignition coil.